

Video Multi-Media: Video Graphics RAM Dac's

		Power Supply			Update		Lowest		
	#	Requirements		Iout		#	Grade		
Model	Bits	Volts	mA	mA	Rate, MHz	Pins	Price 100s	Comments	Fax-code
Video Codec									
ADV601	8	5	270			160		Real time compression/decompression	2011
ADV601LC	8	5	270			120		Real time compression/decompression,Low Cost	2303
Triple Video D/As, RS-343/RS-170									
ADV101	8	5	125	22	30, 50, 80	44	\$22.00	30 pV/sec Glitch	1586
ADV7120	8	5	125	22	30, 50, 80	40/44	\$6.27	ADV7120, in BT101 Pinout	1595
ADV7122	10	5	125	22	30, 50, 80	44	\$8.15	ADV7121, With Blank and Sync Pin	1596
Triple Pseudo Color RAM D/As, RS-343/RS-170									
ADV476	6	5	220	21	33/50/66	28/44	\$4.50	With Blank on all 3 CHs, Pins with INMOS 171, 176	1592
ADV471	6	5	220	21	35/50/66/80	44	\$4.80	With 15 ' 24 Overlay Register, Sync on All 3 CHs	1589
ADV453	8	5	220	21	40, 66	40/44	\$35.00	With 3 ' 24 Overlay Register	1587
ADV458	8	5	370	21	110/165	84	\$25.00	With Read and Blank Masks, 4:1, 5:1 Pixel Ports	1588
ADV478	8	5	220	21	35/50/66/80	44	\$10.00	With 15 ' 24 Overlay Register, Sync on All 3 CHs	1589
ADV7151	10	5	450	21	85/110D220	100	\$48.00	With Clock Control, 3 Palette RAMS, 1:1, 2:, 4:1 Pixel Port	1603
Triple True Color RAM D/As, RS-343/RS-170									
ADV473	8	5	400	21	66D135	68	\$22.11	With 15 ' 28 Overlay Register, Sync on All 3 CHs, VREF	1590
ADV7129	10	5	500	40	360	304	\$765.00	10 Bit, 360 MHz, 192-Bit Pixel Port 8:1 Mux, True Color, w/Cursor	1854
ADV7150	10	5	400	20	110/220	160	\$145.20	Mux Pixel Ports 1:1, 2:1, 4:1	1602
ADV7152	10	5	400	20	110/220	100	\$127.71	Mux Pixel Ports 1:1, 2:1	1604
ADV7160	10	5	450	20	110/220	160	\$90.87	Windows 64 ' 64 Hardware Cursor, 96-Bit Pixel Port 2:1, 4:1, 8:1, (1600 ' 1280 ' 24 & 85 Hz), PLL	1851
ADV7162	10	5	450	20	110/220	160	\$34.55	Windows 64 ' 64 Hardware Cursor, 96-Bit Pixel Port 2:1, 4:1, 8:1,	1851
NTSC/PAL Digital Video Encoder Product Family - Selection Guide -									
Features	ADV7175	ADV7176	ADV7175A	ADV7176A	ADV7177	ADV7178	ADV7174		
Number of DACs	4	4	4	4	3	3	4		
DAC Resolution	10	10	10	10	9	9	10		
Lowest Grade 100 Piece Price	\$11.38	\$11.38	\$11.38	\$11.38	\$11.38	\$11.38	\$11.38		
FAX CODE	1948	1948	2246	2246	2247	2247	2245		
13.5 MHz Clock Out Support					X	X			
On Screen Display (OSD)					X		X		
8-Bit (4:2:2, CCIR 601) Input	X	X	X	X	X	X	X		
27 MHz Oversampling	X	X	X	X	X	X	X		
CCIR-601 Pixel	X	X	X	X	X	X	X		
Close Caption (CC)	X	X	X	X	X	X	X		
I2C Compatible Port	X	X	X	X	X	X	X		
Master/Slave	X	X	X	X	X	X	X		
On-Board Color Bars	X	X	X	X	X	X	X		
S-Video (Y/C)	X	X	X	X	X	X	X		
Simultaneous Composite/S-Video	X	X	X	X	X	X	X		
Square Pixel	X	X	X	X	X	X	X		
X-TAL Input					X	X	X		
Cr/Cb Priority Switch	M	M	M/S	M/S	M/S	M/S	M/S		
VBI Passthru (Teletext/Extended Data Services)	S	S	M/S	M/S	M/S	M/S	M/S		
Package	44-PQFP	44-PQFP	44-PQFP	44-PQFP	44-PQFP	44-PQFP	44-PQFP		
Power Supply Iq=300mA	+3.3to 5V	+3.3to 5V	+3.3to 5V	+3.3to 5V	+3.3to 5V	+3.3to 5V	+3.3to 5V		
Normal(N)/Advanced(A) Filter Modes	A	A	A	A	A	A	A		
Primary Target Market	EU Settop	EU Settop	EU Settop/DVD	EU Settop/DVD	Video CD	US Settop/DVD	US Settop/DVD		
Teletext Insertion			X	X					
RTC (Genlock)	X	X	X	X			X		
SCART (RGB + Composite)	X	X	X	X			X		
YUV Output	X	X	X	X			X		
Macrovision (Anti-Copy) [Also on SCART]	Rev 6.1		Rev 7.01			Rev 7.01			
CGMS-A									
WSS (Wide Screen Signaling)									
Notes:	(S): Available in Slave Mode Only			(M/S): Available in Master & Slave Mode					